(d) *T103–e.* (1) The temperature of the fruit must be raised using forced hot air until the fruit center temperature (all sensors) reaches at least 117 °F in a minimum time of 1 hour. Heat the fruit in the chamber.

(2) The fruit temperature must be held at 117 °F or above for 20 minutes. During the treatment, the relative humidity must be maintained at 90 percent or greater.

[70 FR 33269, June 7, 2005, as amended at 70 FR 41092, July 15, 2005

§ 305.28 Kiln sterilization treatment schedule.

T404–b–4

Dry bulb temperature (°F)	Wet bulb depression (°F)	Percent relative humidity	Percent moisture content	Thickness of lumber (inches)	Exposure (hours)
140	7	82	13.8	1	3
				2	5
				3	7
130	16	60	9.4	1	10
				2	12
				3	14
125	15	61	9.7	1	46
				2	48
				3	50

§ 305.29 Vacuum heat treatment schedule.

T111–a–1. Place bay leaves in a vacuum chamber. Starting at 0 hour, gradually reduce to 0.133 Kpa vacuum at 8 hours. Maintain the vacuum until the end of the treatment. Gradually increase the temperature in the vacuum chamber from ambient temperature at 0 hour to 60 °C at 5 hours. After 5 hours, gradually lower the temperature to 30 °C at 22 hours. The length of the treatment is 22 hours.

[70 FR 36332, June 23, 2005]

§ 305.30 [Reserved]

Subpart—Irradiation Treatments

§ 305.31 Irradiation treatment of imported fruits and vegetables for certain fruit flies and mango seed weevils.

(a) *Approved doses.* Irradiation at the following doses for the specified fruit flies and seed weevils, carried out in accordance with the provisions of this section, is approved as a treatment for all fruits and vegetables:

IRRADIATION FOR FRUIT FLIES AND SEED WEEVILS IN IMPORTED FRUITS AND VEGETABLES

Scientific name	Common name	Dose (Gray)
(1) *Bactrocera dorsalis*	Oriental fruit fly	250
(2) *Ceratitis capitata*	Mediterranean fruit fly	225
(3) *Bactrocera cucurbitae.*	Melon fly	210
(4) *Anastrepha fraterculus.*	South American fruit fly	150
(5) *Anastrepha suspensa.*	Caribbean fruit fly	150
(6) *Anastrepha ludens*	Mexican fruit fly	150
(7) *Anastrepha obliqua*	West Indian fruit fly	150
(8) *Anastrepha serpentina.*	Sapote fruit fly	150
(9) *Bactrocera tryoni*	Queensland fruit fly	150
(10) *Bactrocera jarvisi*	(No common name)	150
(11) *Bactrocera latifrons*	Malaysian fruit fly	150
(12) *Sternochetus mangiferae* (Fabricus).	Mango seed weevil	300

(b) *Location of facilities.* Where certified irradiation facilities are available, an approved irradiation treatment may be conducted for any fruit or vegetable either prior to shipment to the United States or in the United States. Irradiation facilities certified under this section may be located in any State on the mainland United States except Alabama, Arizona, California, Florida, Georgia,[1] Kentucky,

[1] Irradiation facilities may be located at the maritime ports of Gulfport, MS, or Wilmington, NC, or the airport of Atlanta, GA, if the following special conditions are met:

Continued